

Please insert a heading at page 4, following line 11 and above
line 12, to read as follows:

B3 DETAILED DESCRIPTION OF A PREFERRED EXAMPLE EMBODIMENT OF
THE INVENTION

In the Claims:

Please cancel Claims 1 and 2.

Claims 3 to 8 have previously been cancelled in applicants' First Preliminary Amendment.

Please enter new claims 9 to 31 as follows.

9. (new) A system for inserting an implant into a human organ comprising:
an adapter element comprising a ring-shaped adapter body and an annular adapter flange projecting from said adapter body; and
a receiver element comprising a ring-shaped receiver body and an annular receiver flange projecting from said receiver body;
wherein:
said adapter element is adapted to be connected to an implant, said receiver element is adapted to be connected to a human organ, and said adapter element and said receiver element are adapted to be connected to each other.
10. (new) The system according to claim 9, wherein said adapter flange is adapted to be connected to the implant, said receiver flange is adapted to be connected to the human organ, and said adapter body and said receiver body are adapted to be connected to each other.

- 1 **11.** (new) The system according to claim 10, wherein said
2 receiver body has an external threading.
- 1 **12.** (new) The system according to claim 11, wherein said
2 adapter body has an internal threading adapted to mate with
3 said external threading of said receiver body.
- 1 **13.** (new) The system according to claim 12, wherein said
2 internal threading and said external threading are each
3 respectively provided with mutually cooperating self-
4 locking guide parts.
- 1 **14.** (new) The system according to claim 12, wherein said
2 receiver flange projects radially outwardly from said
3 receiver body and said adapter flange projects radially
4 inwardly from said adapter body.
- 1 **15.** (new) The system according to claim 10, wherein said
2 receiver flange projects radially outwardly from said
3 receiver body and said adapter flange projects radially
4 inwardly from said adapter body.
- 1 **16.** (new) The system according to claim 10, wherein said
2 adapter body has an internal threading adapted to mate with
3 said external threading of said receiver body.

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1 **17.** (new) The system according to claim 10, wherein said
2 adapter body and said receiver body are respectively
3 provided with interengaging bayonet lock fastener
4 components.

1 **18.** (new) The system according to claim 10, wherein said
2 adapter flange has first elements adapted to receive a
3 suture to connect said adapter flange to the implant, and
4 said receiver flange has second elements adapted to receive
5 a suture to connect said receiver flange to the human
6 organ.

1 **19.** (new) The system according to claim 18, wherein said first
2 elements are first throughholes in said adapter flange and
3 said second elements are second throughholes in said
4 receiver flange.

1 **20.** (new) The system according to claim 10, further comprising
2 said implant, a first suture connecting said adapter flange
3 to said implant, and a second suture connecting said
4 receiver flange to the human organ.

1 **21.** (new) The system according to claim 20, further comprising
2 a coating layer of living cells covering a surface of said
3 implant and a surface of said adapter element.

1 **22.** (new) The system according to claim 20, wherein said
2 implant is a biological heart valve.

1 **23.** (new) The system according to claim 20, wherein said
2 implant is an artificial heart valve.

1 **24.** (new) A system for inserting an implant into a human organ,
2 comprising:

3 an implant;

4 an adapter element comprising a ring-shaped adapter
5 body and an annular adapter flange projecting radially from
6 said adapter body;

7 *b4*

7 a first suture connecting said adapter flange to said
8 implant;

9 *b2 b3 b4 b5 b6 b7 b8 b9 b10 b11 b12 b13 b14 b15*

9 a receiver element comprising a ring-shaped receiver
10 body that is dimensioned and adapted to mate with and
11 releasably connect with said adapter body, and an annular
12 receiver flange that projects radially from said receiver
13 body and is adapted to be connected to a human organ; and

14 a second suture adapted to connect said receiver
15 flange to the human organ.

1 **25.** (new) The system according to claim 24, further comprising
2 an integral coating layer of living cells continuously
3 integrally covering a surface of said implant and an
4 adjoining surface of said adapter element.

1 **26.** (new) The system according to claim 24, wherein said
2 adapter body has a first threading, said receiver body has
3 a second threading, and said first and second threadings

4 are configured and adapted to be threadingly engaged with
5 each other to releasably connect said receiver body with
6 said adapter body.

1 **27.** (new) A method of inserting an implant into a human organ,
2 comprising the steps:

- 3 a) providing an implant;
4 b) connecting said implant to an adapter element;
5 c) suturing a receiver element to a human organ; and
6 d) connecting said adapter element, with said implant
7 connected thereto, to said receiver element.

1 **28.** (new) The method according to claim 27, wherein said
2 connecting of said adapter element to said receiver element
3 comprises rotating said adapter element relative to said
4 receiver element.

1 **29.** (new) The method according to claim 28, wherein said
2 receiver element and said adapter element respectively
3 include first and second threadings, and said rotating of
4 said adapter element relative to said receiver element
5 comprises engaging and screwing together said first and
6 second threadings.

1 **30.** (new) The method according to claim 28, wherein said
2 receiver element and said adapter element respectively
3 include bayonet lock fastener components, and said rotating